

## LIST OF REFERENCE SIGNS

- 10      Bracket body labial surface portion
- 12      Bracket body lingual surface portion
- 14      Bracket body gingival surface portion
- 16      Bracket body occlusal surface portion
- 18      Bracket body mesial surface portion
- 20      Bracket body distal surface portion
- 22      Bracket body base foil
- 24      Metal wire mesh
- 26      Arch wire receiving slot
- 28      Slot labial surface
- 29      Slot lingual surface (when slot opens to the occlusal)
- 30      Slot gingival surface
- 32      Slot occlusal surface
- 34      Arch wire
- 36      Shutter member
- 38      Bracket body recess
- 40      Pivot member (pins) for shutter member
- 42      Pivot pin pivot axis
- 44      Bracket body wing members
- 46      Pivot pin receiving bores in wing members 44
- 48      Spot welds holding pivot member stationary
- 50      Shutter member (36) pivot portion
- 52      Shutter member (36) slot closure portion
- 54      Slot closure portion surface butting arch wire slot surface 30
- 56      Slot closure portion surface closing labial or occlusal side of arch wire slot
- 58      Slot closure portion surface aligning with arch wire slot surface 32
- 60      Bore in pivot portion receiving pivot member
- 61      Junction between pivot and slot closure portions of shutter member 36

62	Through slot in wall of pivot portion 50
64	Latch grooves in pivot pins 40 or in pivot portion 50
66	Latch projection on pivot portion 50 or on pivot member 40
68	Bulged part of movable segment constituting stop member
70	Groove on opposite wall of bulged part
72	Radially extending tool receiving hole
73	Tool for moving shutter member from slot closed position
74	Fixed end portion of attitude controlling spring
76	Free end portion of attitude controlling spring
78	Attitude controlling spring side arms
80	Recesses in bracket body receiving spring side arms 78
81	Wedge shaped body part providing extended bite plane
82	End surfaces of mesial-distal extending slot closure portion
84	Extended slot closure surfaces of slot closure portion
86	Surfaces on bracket body wings 44 cooperating with surfaces 84
88	Arrow showing operative direction of rotation of tool 71
90	Supplementary mesial distal extending bore in bracket body
92	Mesial distal extending slot receiving hook forming wire 94
94	Wire in slot 92 forming external hooks
96	Mesial distal slot receiving elastomeric ribbons
98	Narrow mouth of slot 96
100	Elastomeric thread
102	Stop bead or knot on elastomeric thread
104	Arm of recurved spring extension attached to shutter member
106	Arm of recurved spring extension providing free end
108	Surface of device body engaged by arm 106 to provide preload
110	Mesial distal device body surfaces supporting spring extension 104/106